

ABSTRACT

A voltage booster of a headlight is connected between a power supply and a headlight and comprises a high frequency circuit, a voltage boost circuit, a rectified circuit, and a high frequency control circuit. The
5 voltage booster comprises an over current sensing circuit connected in front of the headlight and a relay connected between the headlight and the power supply end. When the voltage booster is over circuit, power will supply to the headlight directly. By the voltage booster, the illumination of the headlight is increased and voltage can be stabilized.